Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 06 Jan 2022 until 23:59 on Friday 07 Jan 2022

Forecast Issued on Thursday 06 Jan 2022 at 03:31

Confidence: High for fronts crossing from the west on Thursday, clearing to a showery westerly late in day, also for a rather unsettled theme through the rest of the period, but lowering confidence in the details of worst of conditions.

Headline for Thursday 06 Jan 2022: Snow Thursday morning, largely turning to rain for afternoon, clearing to showers later. Quite extensive hill fog for much of the day combining with snow and later rain to bring difficult conditions.

Mountain weather hazards on Thursday 06 Jan 2022

Blizzards
No Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow	Heavy snow	Sleet	Sleet showers (night)	Sleet showers (night)
Precipitation probability					
00%	20%	90%	80%	60%	40%

Forecast for Thursday 06 Jan 2022

Weather: Dry overnight with higher cloud feeding from the west. Cloud soon thickening Thursday morning with an area of snow extending across all by late morning, which erratically turns to rain across all but highest peaks come late afternoon. The rain and snow clears to the east through the evening, with showers following from the west, as snow level descends to around 300m come midnight.

Chance of cloud free mountain/hill tops above 600m: Near 100% at first, becoming 10% or less from late morning, before lifting 80% as the showers spread in later.

Visibility: Good or very good, becoming moderate or poor in rain, very poor in snow and only a few metres in hill fog, with bases becoming extensive above 450m on the front, then sporadically so in later showers.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Thursday 06 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/24 S	23/34 S	29/40 S	37/50 S	30/42 SW	26/36 SW	24/34 SW
300	8/17 S	17/28 S	21/32 S	27/39 S	22/35 SW	19/30 SW	18/27 SW
Valley	5/16 SE	8/24 S	15/31 S	17/37 S	15/33 SW	13/28 SW	12/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	0/-7	-1/-9	-0/-9	2/-5	0/-7	-1/-8
300	1/-3	1/-4	1/-5	2/-5	4/-1	3/-3	1/-4
Valley	-1/-3	0/-3	2/-3	2/-3	4/-0	3/-1	2/-3
Freezing Level*	00m	100m	400m	600m	1000m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts likely to reach 50mph plus across most exposed ridges and summits, bringing across highest tops some severe wind chill effect.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 06 Jan 2022	n/a	n/a	n/a

Forecast for Friday 07 Jan 2022

Weather: A day of showers, these wintry to all but lowest levels, quite frequent for the morning and early afternoon, before gradually dwindling from mid-afternoon and through the evening.

Maximum wind: West mean 20-25mph with gusts reaching 40mph across more exposed ridges and summits, easing gradually from mid-afternoon.

Chance of cloud free mountain/hill tops above 600m: 80% for any given time but limited scope for prolonged clear periods due to the showery nature of the flow.

Visibility: Good or very good, sporadically moderate to very poor in showers, only a few metres in hill fog with bases lowering 450m as showers push through.

Temperature: **Valleys:** Minus 3 Celsius increasing plus 4 Celsius for the afternoon
At 600m: Minus 2 Celsius
Freezing level: 400m

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